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L3: Entry 16 of 19

File: JPAB

Feb 2, 1993

PUB-NO: JP405025041A

DOCUMENT-IDENTIFIER: JP 05025041 A

TITLE: ANTI-CARCINOGENIC PROMOTER AGENT

PUBN-DATE: February 2, 1993

## INVENTOR-INFORMATION:

NAME

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## ASSIGNEE-INFORMATION:

NAME

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APPL-NO: JP03207634

APPL-DATE: July 23, 1991

INT-CL (IPC): A61K 31/35; C07D 311/30

## ABSTRACT:

PURPOSE: To obtain an anti-carcinogenic promoter agent by specifically selecting a component having especially remarkable anti-carcinogenic activity from flavonoids known as crude drugs.

CONSTITUTION: The objective anti-carcinogenic promoter agent contains 5,7,2'- trihydroxyflavone or 5,7,2',3'-tetrahydroxyflavone of formula (R is H or OH) as a main component. The compound is a component extracted from OUGON (root of Scutellaria baicalensis) and having especially remarkable anti- carcinogenic action. The canceration of normal cell can be suppressed to an extremely low level by the continuous administration or ingestion of the anti-carcinogenic promoter and remarkable pharmacological effect can be attained thereby. Since the compound is a component of a crude drug OUGON, it is free from acute toxicity and can be continuously administered without causing the safety problem. On the contrary, it is preferable to continuously administer to a healthy person as a functional food owing to the canceration preventing effect on a healthy person.

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L6: Entry 1 of 1

File: DWPI

Oct 9, 1995

DERWENT-ACC-NO: 1995-379992

DERWENT-WEEK: 199549

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TITLE: Inhibitor against cancer metastasis - contains twigs of  
e.g. Cinnamomum cassia

## PATENT-ASSIGNEE:

ASSIGNEE  
TSUMURA & CO

CODE  
TSUR

## PRIORITY-DATA:

1994JP-0072819

March 18, 1994

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 07258104 A	October 9, 1995	N/A	004	A61K035/78

## APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-NO
JP07258104A	March 18, 1994	1994JP-0072819	N/A

INT-CL (IPC): A61K 35/78

ABSTRACTED-PUB-NO: JP07258104A

## BASIC-ABSTRACT:

Inhibitor against cancer metastasis contg. twigs of Cinnamomum casia, roots of Paeonia lactiflora, fruits of Zizyphus jujuba, rhizome of Zingiber officinale and roots of Glycyrrhiza glabra or their extracts.

USE/ADVANTAGE - Inhibition of cancer metastasis. 2-15g/day in several portions. Safe compsn. with marked effect.

Twigs of Cinnamomum cassia, roots of Paeonia lactiflora, fruits of Zizyphus jujuba, rhizome of Zingiber officinale and roots of Glycyrrhiza glabra are pref. mixed at pts.wt. of 2.0-9.0, 2.0-6.0, 2.0-6.0, 0.5-6.0 and 0.5-4.0, respectively.

EXAMPLE - A mixt. of 6.0g, 4.0g, 1.5g and 2.0g of twigs of Cinnamomum cassia, roots of Paeonia lactiflora, fruits of

Zizyphus jujuba, rhizome of Zingiber officinale and roots of Glycyrrhiza glabra, respectively, was extracted with about 180g of purified water at 100 deg.C for 1 hr. The extract was filtered and spray dried to give 4.7g of extract. B16F10 melanoma cells were transplanted in the tail vein of 57BL/6 male mouse and 80 mg/kg of the extract was administered 4 times every other day. Cell numbers after 2 weeks was 72 +/- 12, while control gp. administered with saline soln. gave corresponding rate of 271 +/- 34 cells.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: INHIBIT CANCER METASTASIS CONTAIN TWIG CINNAMOMUM CASSIA

DERWENT-CLASS: B04

CPI-CODES: B04-A08C2; B04-A10; B14-H01B;

CHEMICAL-CODES:

Chemical Indexing M1 \*01\*

Fragmentation Code

M423 M781 M903 P631 P633 V400 V404 V406

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1995-163975